

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A method for implementing a security risk assessment for a merchant entity having connectivity to a shared network, the method comprising:

receiving at a host computer system including a processor, from each of a plurality of payment-processing organizations, a set of security requirements defining protocols for implementing commercial transactions over the shared network using instruments identified with the payment-processing organization;

developing, with the processor at the host computer system, a security test scheme having a set of test requirements whose satisfaction by the merchant entity is sufficient to ensure compliance with the sets of security requirements defined by each of the plurality of payment-processing organizations; and

performing a remote scan of a network site maintained by the merchant entity on the shared network in support of shared-network commercial transactions with a security compliance authority server by the host computer system, the remote scan implementing at least a subset of the set of test requirements to evaluate compliance by the merchant entity.
2. (Currently Amended) The method recited in claim 1 further comprising transmitting a questionnaire from the host computer system to the merchant entity with the security compliance authority server, the questionnaire including queries whose truthful response identifies a level of compliance with at least some of the test requirements.
3. (Original) The method recited in claim 1 further comprising scheduling an on-site audit at the merchant entity with the security compliance authority server, the on-site audit being structured to follow a prescribed methodology for identifying a level of compliance with at least some of the test requirements.

4. (Original) The method recited in claim 1 wherein a satisfaction level of the test requirements required for compliance with the test requirements is dependent on a characteristic of the merchant entity.

5. (Original) The method recited in claim 4 wherein the characteristic comprises a shared-network transaction volume processed by the merchant entity over the shared network.

6. (Original) The method recited in claim 1 wherein a frequency of performing the remote scan is dependent on a characteristic of the merchant entity.

7. (Original) The method recited in claim 6 wherein the characteristic comprises a shared-network transaction volume processed by the merchant entity over the shared network.

8. (Currently Amended) The method recited in claim 1 further comprising receiving information describing characteristics of the merchant entity from the merchant entity at the host computer system to limit parameters of the remote scan.

9. (Currently Amended) The method recited in claim 1 further comprising generating a report at the host computer system summarizing a level of compliance by the merchant entity with the set of test requirements as determined from performing the remote scan.

10. (Original) The method recited in claim 1 wherein the merchant entity comprises an Internet merchant.

11. (Original) The method recited in claim 1 wherein the merchant entity comprises an Internet merchant gateway.

12. (Currently Amended) A method for assessing a security risk for a merchant entity having connectivity to a shared network, the method comprising:

receiving information, at a host computer system including a processor,
describing characteristics of the merchant entity from the merchant entity;
determining at the host computer system using the processor which test
requirements of a security test scheme to use in assessing the security risk for the merchant
entity, wherein the security test scheme includes a set of test requirements whose satisfaction by
the merchant entity is sufficient to ensure compliance with a plurality of sets of security
requirements defined by a plurality of payment-processing organizations; and
executing the security test scheme with a security compliance authority server in
accordance with the determined test requirements.

13. (Original) The method recited in claim 12 wherein executing the security
test scheme comprises performing a remote scan of a network site maintained by the merchant
entity on the shared network in support of shared-network commercial transactions with the
security compliance authority server.

14. (Original) The method recited in claim 12 wherein executing the security
test scheme comprises scheduling an on-site audit at the merchant entity with the security
compliance authority server, the on-site audit being structured to follow a prescribed
methodology for identifying a level of compliance with at least some of the test requirements.

15. (Currently Amended) The method recited in claim 12 wherein executing
the security test scheme comprises transmitting a questionnaire from the host computer system to
the merchant entity with the security compliance authority server, the questionnaire including
queries whose truthful response identifies a level of compliance with at least some of the test
requirements.

16. (Original) The method recited in claim 12 wherein determining which test
requirements of the security test scheme to use in assessing the security risk for the merchant
entity is dependent on a characteristic of the merchant entity.

17. (Original) The method recited in claim 16 wherein the characteristic comprises a shared-network transaction volume processed by the merchant entity over the shared network.

18. (Currently Amended) The method recited in claim 12 further comprising generating a report at the host computer system summarizing a level of compliance by the merchant entity with the set of determined test requirements as evaluated from executing the security test scheme.

19. (Original) The method recited in claim 12 wherein the merchant entity comprises an Internet merchant.

20. (Original) The method recited in claim 12 wherein the merchant entity comprises an Internet merchant gateway.

21. (Original) A computer-readable storage medium having a computer-readable program embodied therein for direction operation of a security compliance authority server including a communications system, a processor, and a storage device, wherein the computer-readable program includes instructions for operating the security compliance authority server to assess a security risk for an merchant entity having connectivity to a shared network in accordance with the following:

receiving, with the communications system, information describing characteristics of the merchant entity;

determining, with the processor, which test requirements of a security test scheme to use in assessing the security risk for the merchant entity, wherein the security test scheme is stored on the storage device and includes a set of test requirements whose satisfaction by the merchant entity is sufficient to ensure compliance with a plurality of sets of security requirements defined by a plurality of payment-processing organizations; and

executing, with the processor, the security test scheme in accordance with the determined test requirements.

22. (Original) The computer-readable storage medium recited in claim 21 wherein the instructions for executing the security test scheme comprise instructions for performing a remote scan of a network site maintained by the merchant entity on the shared network in support of shared-network commercial transactions.

23. (Original) The computer-readable storage medium recited in claim 21 wherein the instructions for executing the security test scheme comprise instructions for scheduling an on-site audit at the merchant entity.

24. (Original) The computer-readable storage medium recited in claim 21 wherein the instructions for executing the security test scheme comprise instructions for transmitting a questionnaire to the merchant entity.